DEC 1 9 2002 7

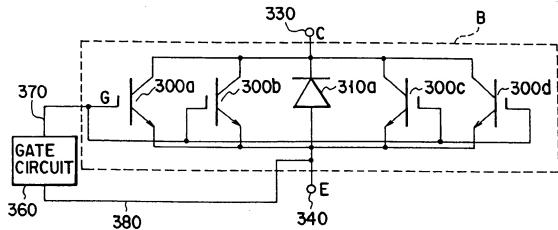
360

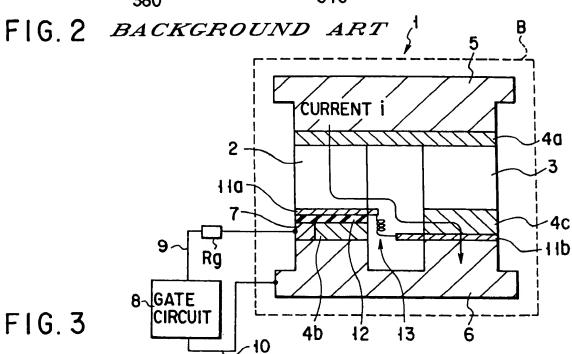
SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV SHEET 1 OF 18

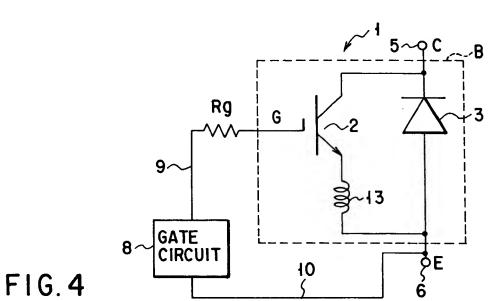
330 300a 300b 3100 300c 300d 3200 370 350a 350d GATE CIRCUIT 32Ób 350b 320c 320d 320e 350c 340

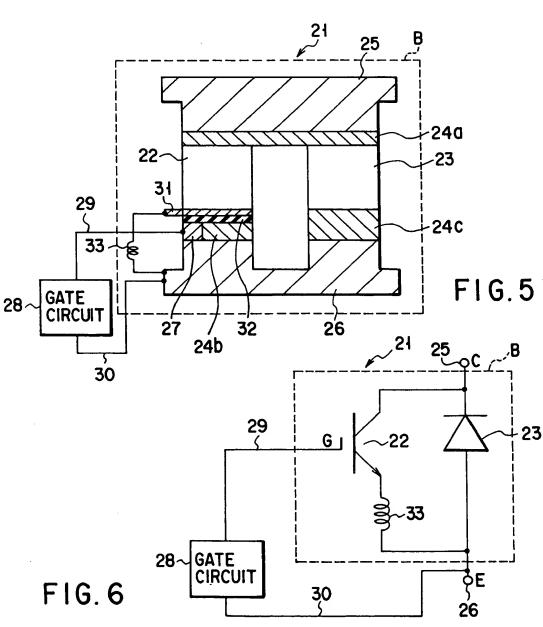
FIG. | BACKGROUND ART

380











SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV SHEET <u>3</u> OF <u>18</u>

46 Ŗ 480 48b 48c .43a 420 42b 43b 44a 43c -44b 530 <u>450</u> 43d 43e 49a 43f 47 49b 53b 45b GATE CIRCUIT 51 - 52 ζ 50 FIG. 7

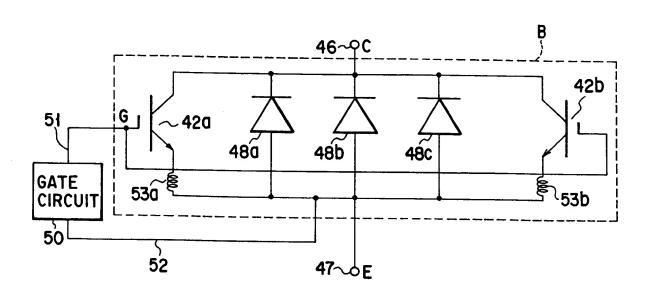
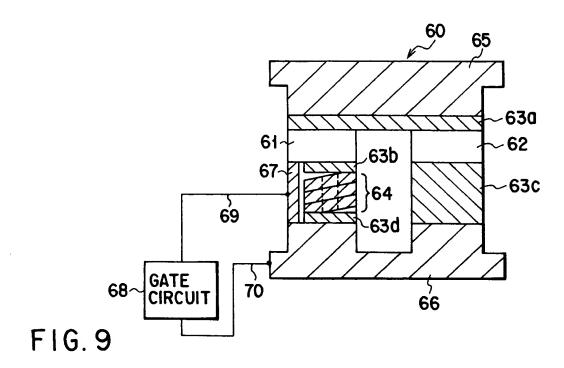


FIG. 8



SERIAL NO: 09/684,904 INV: Hironobu KON, et al. **DOCKET # 198092US-2S DIV** SHEET 4 OF 18



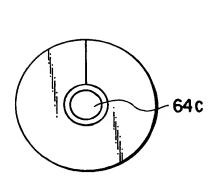


FIG. 10A

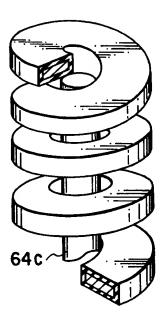
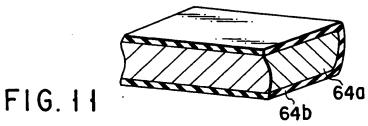


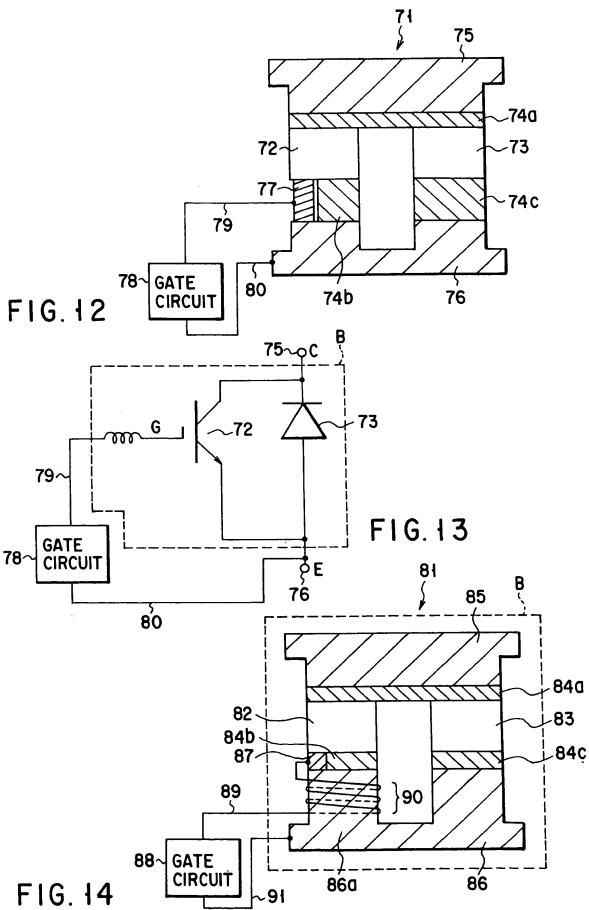
FIG. 10B



DEC 1 9 2002

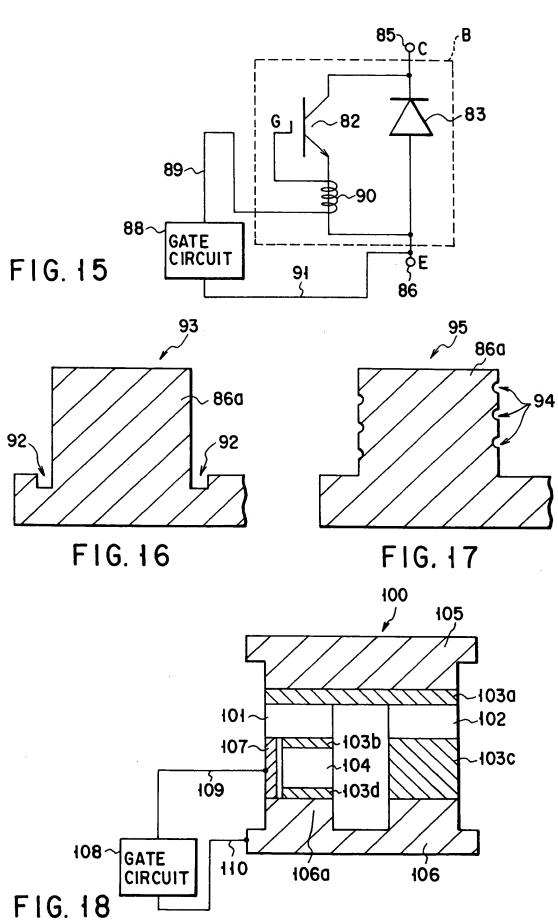
INV: Hironobu KON, et al.

SERIAL NO: 09/684,904 DOCKET # 198092US-2S DIV SHEET <u>5</u> OF <u>18</u>





SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV SHEET 6 OF 18





SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV SHEET <u>7</u> OF <u>18</u>

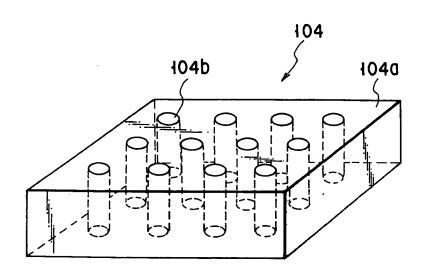


FIG. 19

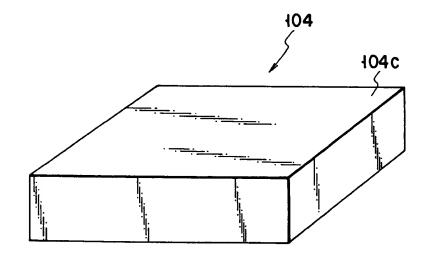


FIG. 20

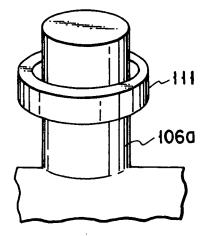
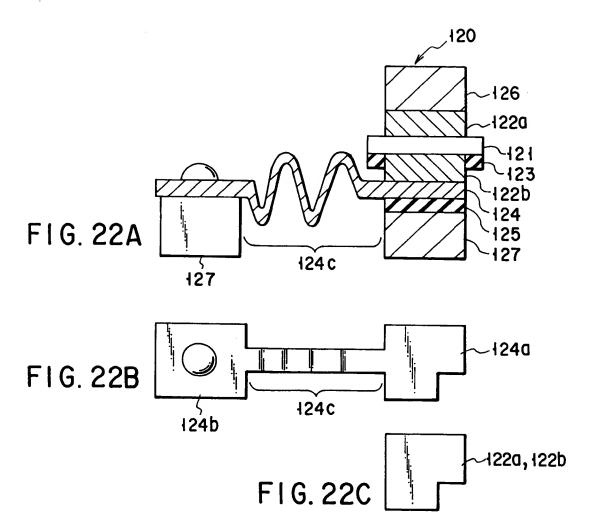
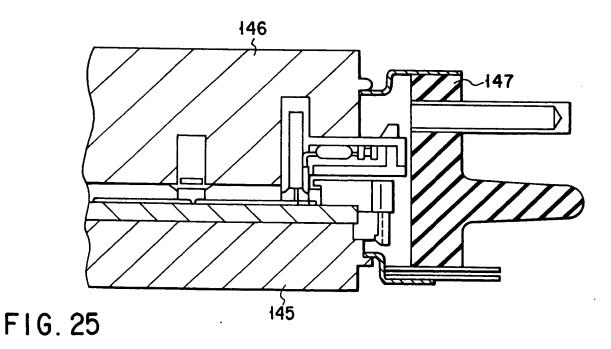


FIG. 21



SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV SHEET <u>8</u> OF <u>18</u>







SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV SHEET 9 OF 18

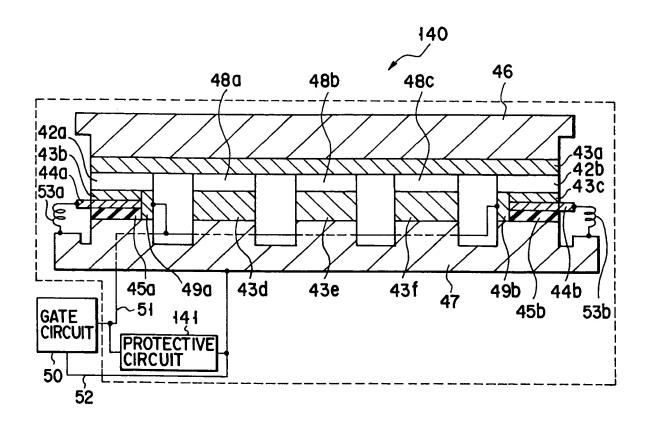


FIG. 23

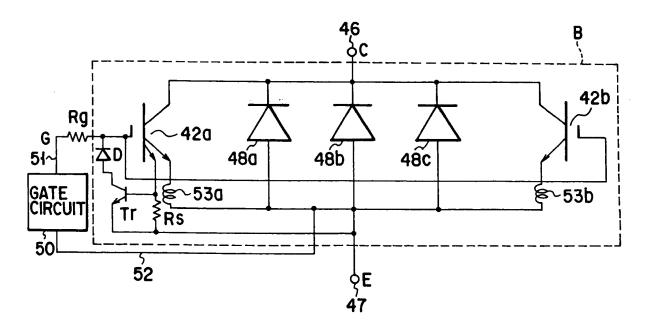
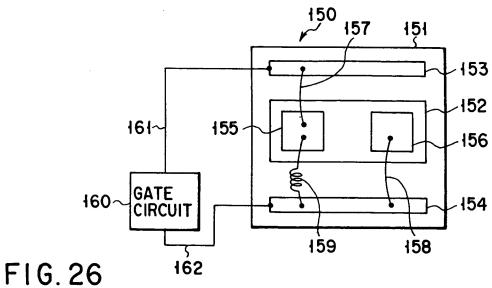
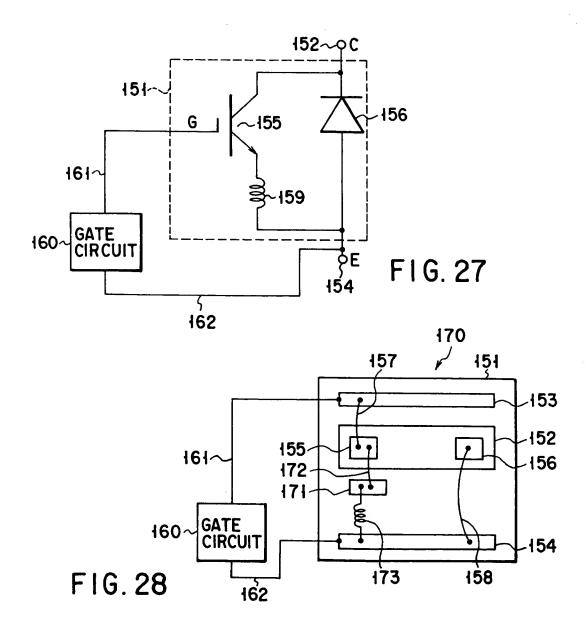


FIG. 24



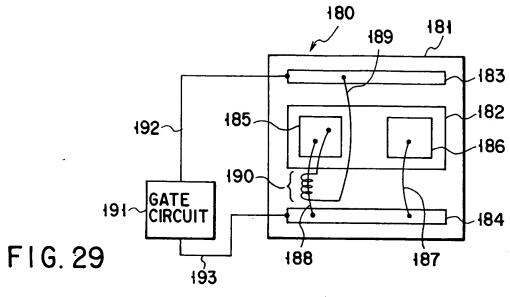
SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV SHEET 10 OF 18

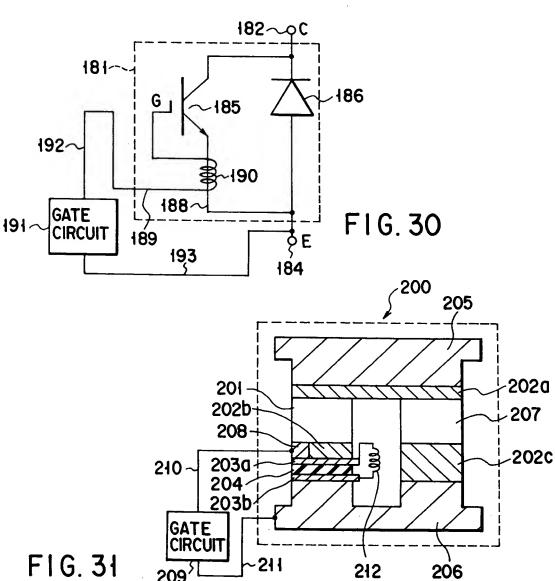






SERIAL NO: 09/684,904 INV: Hironobu KON, et al. **DOCKET # 198092US-2S DIV** SHEET 11 OF 18

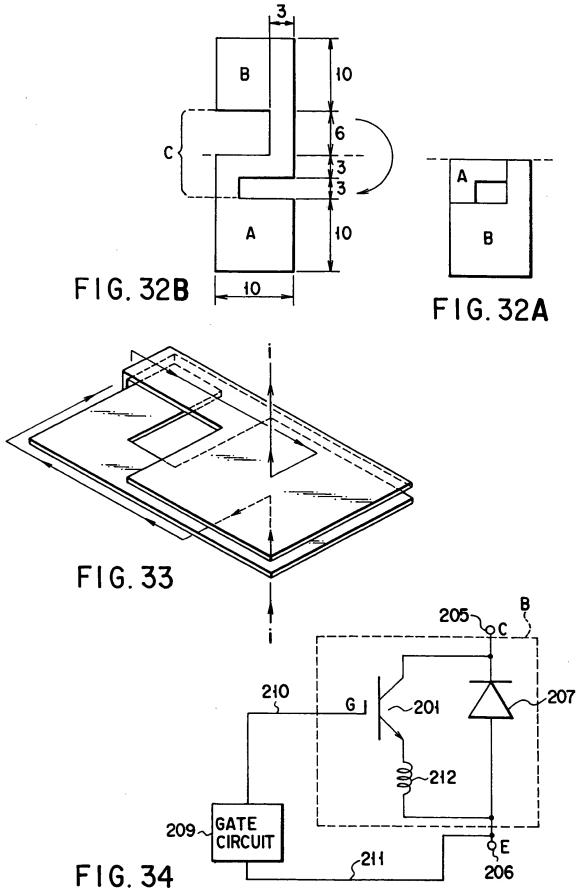




209<sup>></sup>



SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV SHEET 12 OF 18





SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV SHEET 13 OF 18

220 43b 43e 42d 49d 48 49C 42C 43d 46 151 430 420 440 42b 530 43c 53<sub>C</sub> 44b 490 45d 450 44d 43 45c 44C 49b GATE CIRCUIT CIRCUIT <del>5</del>0 52

FIG. 35

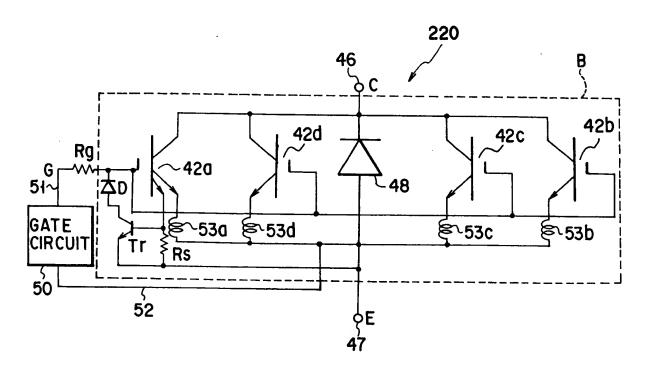


FIG. 36



Rł

FIG. 39

G O

233 -

E O

R2

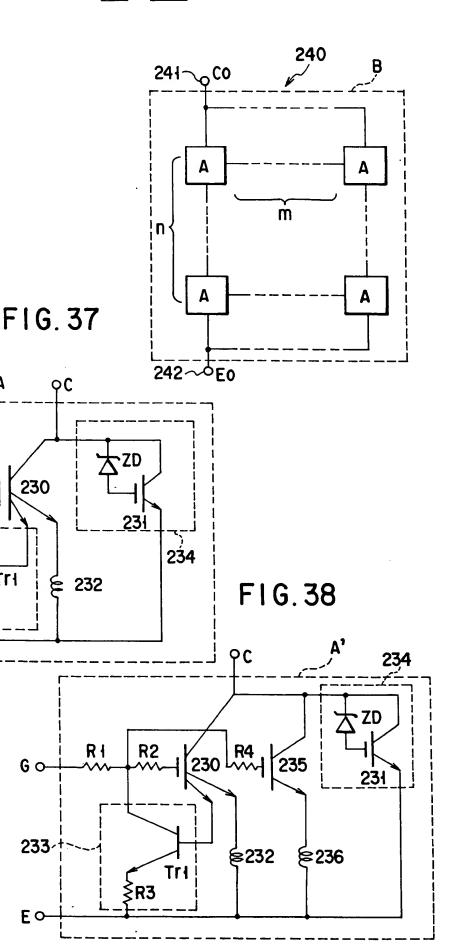
**≩ R3** 

1Tr1

Go

EO

SERIAL NO: 09/684,904 INV: Hironobu KON, et al. **DOCKET # 198092US-2S DIV** SHEET <u>14</u> OF <u>18</u>





SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV

SHEET <u>15</u> OF <u>18</u>

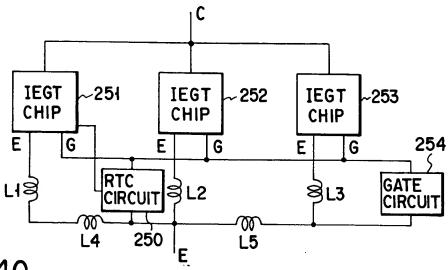
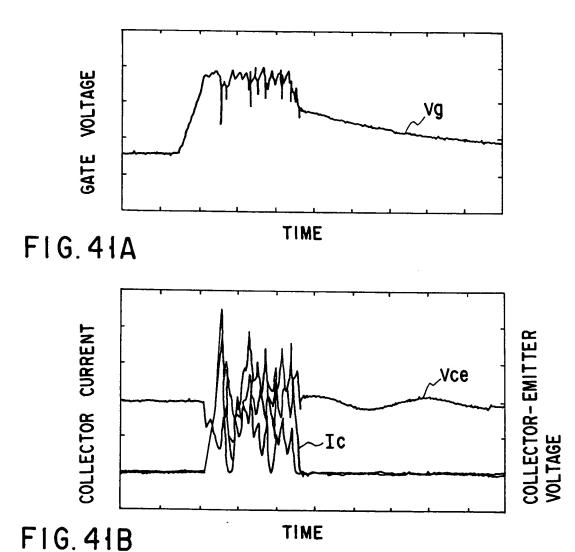
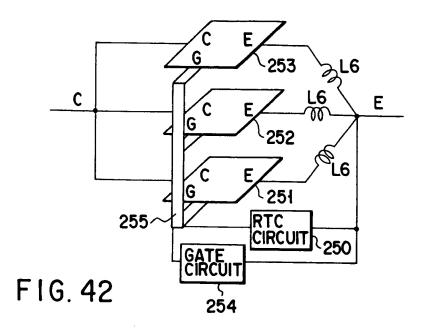


FIG. 40





SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV SHEET <u>16</u> OF <u>18</u>



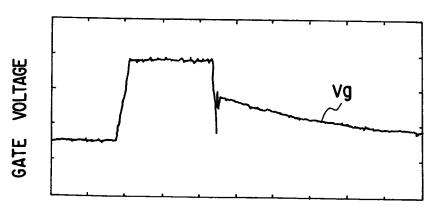
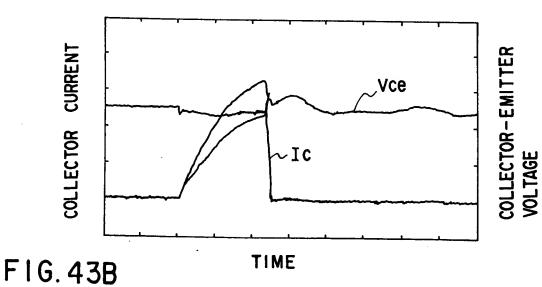


FIG. 43A





SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV SHEET 17 OF 18

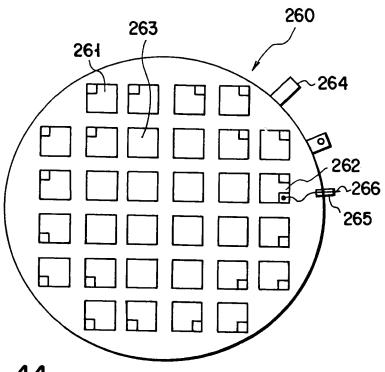


FIG. 44

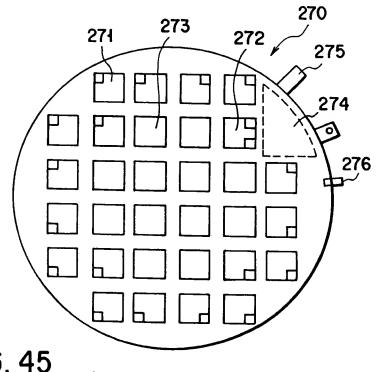


FIG. 45



SERIAL NO: 09/684,904 INV: Hironobu KON, et al. DOCKET # 198092US-2S DIV

SHEET <u>18</u> OF <u>18</u>

